

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	((600/546) (128/200.24) (607/42) (600/547) (607/124) (607/46) (607/20)).ccls. and electrode\$ and (ecg ekg) and vag\$2 and phrenic	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:21
L2	0	("2004/0044377").URPN.	USPAT	OR	OFF	2007/05/25 17:08
L4	11	((600/546) (128/200.24) (607/42) (600/547) (607/124) (607/46) (607/20)).ccls. and electrode\$ and (ecg ekg) and vag\$2 and (phrenic diaphragm\$)	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:41
L5	49	"607"/.ccls. and electrode\$ and (ecg ekg) and vag\$2 and (phrenic diaphragm\$)	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:41
L6	209	"607"/.ccls. and electrode\$ and (ecg ekg) and (phrenic diaphragm\$)	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:20
L7	17	((600/546) (128/200.24) (607/42) (600/547) (607/124) (607/46) (607/20)).ccls. and electrode\$ and (ecg ekg) and phrenic	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:40
L8	20	((600/546) (128/200.24) (607/42) (600/547) (607/124) (607/46) (607/20)).ccls. and electrode\$ and (ecg ekg electrocardiogra\$2) and phrenic	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:49
L9	14	((600/546) (128/200.24) (607/42) (600/547) (607/124) (607/46) (607/20)).ccls. and electrode\$ and electrocardiogra\$2 and phrenic	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:40
L10	33	"607"/.ccls. and electrode\$ and electrocardiogra\$2 and vag\$2 and (phrenic diaphragm\$)	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:41
L11	7	((600/546) (128/200.24) (607/42) (600/547) (607/124) (607/46) (607/20)).ccls. and electrode\$ and electrocardiogra\$2 and vag\$2 and (phrenic diaphragm\$)	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:41
L12	0	vag\$2 and electrode\$ and (ecg ekg electrocardiogra\$2) and phrenic	EPO; JPO; DERWENT	OR	OFF	2007/05/25 18:12
L13	0	electrode\$ and (ecg ekg electrocardiogra\$2) and phrenic	EPO; JPO; DERWENT	OR	OFF	2007/05/25 17:50
L14	0	vag\$2 and (ecg ekg electrocardiogra\$2) and phrenic	EPO; JPO; DERWENT	OR	OFF	2007/05/25 17:50
L15	1	(ecg ekg electrocardiogra\$2) and phrenic	EPO; JPO; DERWENT	OR	OFF	2007/05/25 17:50

## EAST Search History

L17	23	electrode\$1 and stimulat\$5 and phrenic	EPO; JPO; DERWENT	OR	OFF	2007/05/25 17:50
L18	0	(vag\$2 and electrode\$ and (ecg ekg electrocardiogra\$2) and phrenic). clm.	US-PGPUB	OR	OFF	2007/05/25 18:13
L19	2	(electrode\$ and (ecg ekg electrocardiogra\$2) and phrenic). clm.	US-PGPUB	OR	OFF	2007/05/25 18:12
L20	0	(vag\$2 and (ecg ekg electrocardiogra\$2) and phrenic). clm.	US-PGPUB	OR	OFF	2007/05/25 18:12
L21	12	(vag\$2 and electrode\$ and phrenic). clm.	US-PGPUB	OR	OFF	2007/05/25 18:13
S1	7	((("6,411,843") or ("6,360,740") or ("6,198,970") or ("5,911,218") or ("5,671,752") or ("5,036,848") or ("5,016,647")).PN.	US-PGPUB; USPAT	OR	OFF	2006/04/05 16:33
S2	22	ake near larsson	US-PGPUB; USPAT	OR	OFF	2006/04/05 16:35
S3	120	(607/42).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/05 16:36
S4	1137	((600/546) or (128/200.24)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/10/02 12:29
S5	1252	S3 S4	US-PGPUB; USPAT	OR	OFF	2006/04/05 16:36
S6	731	S5 and @pd<"20020828"	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:51
S8	95	(607/20).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:51
S9	75	S8 and @pd<"20020828"	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:58
S10	120	(607/42).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:59
S11	1137	((600/546) or (128/200.24)).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:59
S12	1252	S10 S11	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:59
S13	731	S12 and @pd<"20020828"	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:59
S14	74	S13 and (esophag\$5 phrenic)	US-PGPUB; USPAT	OR	OFF	2006/04/06 09:59

## EAST Search History

S15	53	("2774346"   "3077884"   "3191596"   "3662751"   "3669108"   "3815606"   "3834383"   "4041943"   "4077404"   "4166458"   "4226233"   "4259951"   "4298023"   "4316458"   "4397306"   "4446864"   "4449526"   "4533137"   "4601465"   "4809683"   "4827935"   "4881527"   "4928674"   "5014698"   "5050593"   "5109840"   "5163424"   "5184620"   "5193544"   "5235970"   "5301667"   "5355879"   "5359998"   "5392774"   "5454779"   "5492116"   "5496257"   "5517986"   "5551420"   "5584866"   "5645522"   "5692498"   "5730122"   "5735876"   "5738637"   "5782883"   "5814086").PN. OR ("6312399").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:11
S16	22	("4155353"   "4170225"   "4209860"   "4213466"   "4913146"   "4964411"   "5003976"   "5016635"   "5058602"   "5277197"   "5318039"   "5374193"   "5579781"   "5645073"   "5671752"   "5697378"   "5711307"   "5820560").PN. OR ("6411843"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 11:15
S17	43	(US-20040044377-\$ or US-20020020410-\$ or US-20010025146-\$ or US-20010010010-\$).did. or (US-6411843-\$ or US-6360740-\$ or US-6198970-\$ or US-5911218-\$ or US-5671752-\$ or US-5036848-\$ or US-5016647-\$ or US-6351665-\$ or US-6321116-\$ or US-6324432-\$ or US-6280394-\$ or US-6240316-\$ or US-6132384-\$ or US-6076011-\$ or US-6047202-\$ or US-6004312-\$ or US-5820560-\$ or US-5792067-\$ or US-5800470-\$ or US-5722420-\$ or US-5678535-\$ or US-5549656-\$ or US-5333615-\$ or US-5318039-\$ or US-5174287-\$ or US-6141590-\$). did. or (US-5044366-\$ or US-5044365-\$ or US-4961423-\$ or US-4919136-\$ or US-4694830-\$ or US-4576183-\$ or US-6312399-\$ or US-6587726-\$ or US-5392774-\$ or US-6259938-\$ or US-6234985-\$ or US-6224562-\$ or US-5056519-\$). did.	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:05

## EAST Search History

S19	33	S17 and stimulat\$6	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:09
S20	7	S17 and stimulat\$6 and phrenic and esophag\$6	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:13
S21	13	S13 and stimulat\$6 and phrenic and esophag\$6	US-PGPUB; USPAT	OR	OFF	2006/04/06 14:57
S22	18	09/095,916 09/197,286 09/315,396 09/533,880	US-PGPUB; USPAT	OR	OFF	2006/04/06 12:14
S23	95	stimulat\$6 and phrenic and esophag\$6	US-PGPUB; USPAT	OR	OFF	2006/04/06 17:32
S24	0	("2006/0074450").URPN.	USPAT	OR	OFF	2006/04/06 15:13
S25	36	(607/124).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:06
S26	365	(607/46).CCLS.	US-PGPUB; USPAT	OR	OFF	2006/04/06 15:15
S27	203	S26 and @pd<"20020828"	US-PGPUB; USPAT	OR	OFF	2006/04/06 15:52
S29	980	(600/547).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:06
S30	540	S29 and @pd<"20020828"	US-PGPUB; USPAT	OR	OFF	2006/04/06 15:53
S31	65	(stimulat\$6 same phrenic) and esophag\$6	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:00
S32	65	(stimulat\$6 with phrenic) and esophag\$6	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:01
S33	48	(stimulat\$6 with phrenic) and (esophag\$6 same electrode)	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:03
S34	19	(stimulat\$6 with phrenic) and (esophag\$6 same electrode same (measur\$6 sens\$4))	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:03
S35	0	S25 and esophag\$6 and phrenic	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:15
S36	1	S26 and esophag\$6 and phrenic	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:15
S37	0	("2005/0159659").URPN.	USPAT	OR	OFF	2006/04/06 16:25
S38	0	("2005/0015132").URPN.	USPAT	OR	OFF	2006/04/06 16:35
S40	0	S25 and phrenic	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:36
S41	0	phrenic and esophag\$6 and stimulat\$6	EPO; JPO	OR	OFF	2006/04/06 16:36
S42	0	phrenic and esophag\$6	EPO; JPO	OR	OFF	2006/04/06 16:36
S43	2	phrenic	EPO; JPO	OR	OFF	2006/04/06 16:37
S44	539	esophag\$6	EPO; JPO	OR	OFF	2006/04/06 16:37

## EAST Search History

S45	21	esophag\$6 and electrode	EPO; JPO	OR	OFF	2006/04/06 16:37
S46	22	("4155353"   "4170225"   "4209860"   "4213466"   "4913146"   "4964411"   "5003976"   "5016635"   "5058602"   "5277197"   "5318039"   "5374193"   "5579781"   "5645073"   "5671752"   "5697378"   "5711307"   "5820560").PN. OR ("6411843").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/06 16:40
S47	48	(US-20040044377-\$ or US-20020020410-\$ or US-20010025146-\$ or US-20010010010-\$ or US-20020188332-\$ or US-20020032468-\$).did. or (US-6411843-\$ or US-6360740-\$ or US-6198970-\$ or US-5911218-\$ or US-5671752-\$ or US-5036848-\$ or US-5016647-\$ or US-6351665-\$ or US-6321116-\$ or US-6324432-\$ or US-6280394-\$ or US-6240316-\$ or US-6132384-\$ or US-6076011-\$ or US-6047202-\$ or US-6004312-\$ or US-5820560-\$ or US-5792067-\$ or US-5800470-\$ or US-5722420-\$ or US-5678535-\$ or US-5549656-\$ or US-5333615-\$ or US-5318039-\$ or US-5174287-\$ or US-6141590-\$).did. or (US-5044366-\$ or US-5044365-\$ or US-4961423-\$ or US-4919136-\$ or US-4694830-\$ or US-4576183-\$ or US-6312399-\$ or US-6587726-\$ or US-5392774-\$ or US-6259938-\$ or US-6234985-\$ or US-6224562-\$ or US-5056519-\$ or US-6438400-\$ or US-6142941-\$ or US-6735471-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:47
S48	5	S47 and phrenic and (emg myoelectric myo-electric)	US-PGPUB; USPAT	OR	OFF	2006/04/06 16:47
S49	28	stimulat\$6 and phrenic and esophag\$6 and (emg myoelectric myo-electric)	US-PGPUB; USPAT	OR	OFF	2006/04/06 17:18
S50	94	stimulat\$6 and phrenic and trachea\$4	US-PGPUB; USPAT	OR	OFF	2006/04/06 17:45
S51	52	stimulat\$6 and phrenic and endotrachea\$4	US-PGPUB; USPAT	OR	OFF	2006/04/06 17:45
S52	1462	((600/546) (128/200.24) (607/42) (607/20)).ccls.	US-PGPUB; USPAT	OR	OFF	2006/10/02 12:30
S53	377	S52 and stimulat\$6 and electrode\$1	US-PGPUB; USPAT	OR	OFF	2006/10/02 12:30

## EAST Search History

S54	18	S52 and stimulat\$6 and electrode\$1 and esophag\$4 and phrenic	US-PGPUB; USPAT	OR	OFF	2006/10/05 09:32
S55	48	(US-20040044377-\$ or US-20020188332-\$ or US-20020032468-\$ or US-20020020410-\$ or US-20010025146-\$ or US-20010010010-\$).did. or (US-6735471-\$ or US-6587726-\$ or US-6312399-\$ or US-6411843-\$ or US-6224562-\$ or US-6234985-\$ or US-5800470-\$ or US-6438400-\$ or US-6142941-\$ or US-5820560-\$ or US-6351665-\$ or US-6324432-\$ or US-5792067-\$ or US-5678535-\$ or US-5056519-\$ or US-5044365-\$ or US-5036848-\$ or US-5016647-\$ or US-4961423-\$ or US-4576183-\$ or US-5671752-\$ or US-6240316-\$ or US-6198970-\$ or US-6321116-\$ or US-6280394-\$ or US-5911218-\$). did. or (US-5318039-\$ or US-5549656-\$ or US-5392774-\$ or US-5174287-\$ or US-6076011-\$ or US-6047202-\$ or US-6360740-\$ or US-6259938-\$ or US-6141590-\$ or US-6132384-\$ or US-6004312-\$ or US-5722420-\$ or US-5333615-\$ or US-5044366-\$ or US-4694830-\$ or US-4919136-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/02 12:32
S56	10	S55 and stimulat\$6 and electrode\$1 and esophag\$4 and phrenic	US-PGPUB; USPAT	OR	OFF	2006/10/05 08:57
S57	89	stimulat\$6 and electrode\$1 and esophag\$4 and phrenic	US-PGPUB; USPAT	OR	OFF	2006/10/02 14:36

## EAST Search History

S58	48	(US-20040044377-\$ or US-20020188332-\$ or US-20020032468-\$ or US-20020020410-\$ or US-20010025146-\$ or US-20010010010-\$).did. or (US-6735471-\$ or US-6587726-\$ or US-6312399-\$ or US-6411843-\$ or US-6224562-\$ or US-6234985-\$ or US-5800470-\$ or US-6438400-\$ or US-6142941-\$ or US-5820560-\$ or US-6351665-\$ or US-6324432-\$ or US-5792067-\$ or US-5678535-\$ or US-5056519-\$ or US-5044365-\$ or US-5036848-\$ or US-5016647-\$ or US-4961423-\$ or US-4576183-\$ or US-5671752-\$ or US-6240316-\$ or US-6198970-\$ or US-6321116-\$ or US-6280394-\$ or US-5911218-\$). did. or (US-5318039-\$ or US-5549656-\$ or US-5392774-\$ or US-5174287-\$ or US-6076011-\$ or US-6047202-\$ or US-6360740-\$ or US-6259938-\$ or US-6141590-\$ or US-6132384-\$ or US-6004312-\$ or US-5722420-\$ or US-5333615-\$ or US-5044366-\$ or US-4694830-\$ or US-4919136-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/05 08:57
S59	3	S58 and stimulat\$6 and electrode\$1 and esophag\$4 and phrenic and vag\$2	US-PGPUB; USPAT	OR	OFF	2006/10/05 08:57

## EAST Search History

S60	49	(US-20040044377-\$ or US-20020020410-\$ or US-20010025146-\$ or US-20010010010-\$ or US-20020188332-\$ or US-20020077675-\$ or US-20020032468-\$).did. or (US-6411843-\$ or US-6360740-\$ or US-5671752-\$ or US-6198970-\$ or US-5911218-\$ or US-5036848-\$ or US-5016647-\$ or US-6351665-\$ or US-6312399-\$ or US-6324432-\$ or US-6321116-\$ or US-6280394-\$ or US-6259938-\$ or US-6240316-\$ or US-6224562-\$ or US-6234985-\$ or US-6132384-\$ or US-6076011-\$ or US-6047202-\$ or US-6004312-\$ or US-5800470-\$ or US-5792067-\$ or US-5722420-\$ or US-5820560-\$ or US-5678535-\$ or US-5549656-\$). did. or (US-6438400-\$ or US-5333615-\$ or US-5318039-\$ or US-5174287-\$ or US-5056519-\$ or US-5044365-\$ or US-6141590-\$ or US-4961423-\$ or US-4576183-\$ or US-5044366-\$ or US-4919136-\$ or US-4694830-\$ or US-5392774-\$ or US-6587726-\$ or US-6735471-\$ or US-6142941-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/05 08:57
S61	4	S60 and stimulat\$6 and electrode\$1 and esophag\$4 and phrenic and vag\$2	US-PGPUB; USPAT	OR	OFF	2006/10/05 08:57
S62	1468	((600/546) (128/200.24) (607/42) (607/20)).ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/25 17:06
S63	2	S62 and stimulat\$6 and electrode\$1 and esophag\$4 and phrenic and vag\$2	US-PGPUB; USPAT	OR	OFF	2006/10/05 09:34